

Title (en)

Anthrapyridone compounds and their production process.

Title (de)

Anthrapyridonverbindungen und Verfahren zu ihrer Herstellung.

Title (fr)

Composés anthrapyridones et leur procédé de fabrication.

Publication

EP 0353031 A2 19900131 (EN)

Application

EP 89307562 A 19890725

Priority

JP 19191888 A 19880729

Abstract (en)

An anthrapyridone compound of the following formula (I), which is useful for coloring synthetic resins: <CHEM> wherein Q is -NH₂, -NHCH₃ or -NHCOZ where Z is phenyl or alkyl which may be substituted; X₁, X₂ and X₃ are each hydrogen, halogen, alkyl, alkoxy, hydroxy, -NHCOR<1>, -CONR<2>R<3>, -COR<4>, -COOR<5>, -SO₂R<6> or -SO₂NR<7>R<8> where R<1> and R<4> are each C1-4 alkyl R<2> and R<3> are each hydrogen or C1-4 alkyl, R<5> and R<6> are each alkyl or hydroxyalkyl and R<7> and R<8> are each hydrogen or C1-4 alkyl, with proviso that when Q is -NHCH₃, X₁, X₂ and X₃ are each hydrogen, halogen, alkoxy, hydroxy, -NHCOR<1>, -CONR<2>R<3>, -COR<4>, -COOR<5>, -SO₂R<6> or -SO₂NR<7>R<8>. Process for producing the anthrapyridone compound is also provided.

IPC 1-7

C08K 5/16; C09B 5/14

IPC 8 full level

C07D 221/18 (2006.01); **C08K 5/00** (2006.01); **C08K 5/34** (2006.01); **C08K 5/3412** (2006.01); **C08K 5/3437** (2006.01); **C08L 23/00** (2006.01); **C08L 23/02** (2006.01); **C08L 55/00** (2006.01); **C08L 55/02** (2006.01); **C08L 61/04** (2006.01); **C08L 61/06** (2006.01); **C08L 61/20** (2006.01); **C08L 61/24** (2006.01); **C08L 61/28** (2006.01); **C08L 67/00** (2006.01); **C08L 67/02** (2006.01); **C08L 77/00** (2006.01); **C09B 5/14** (2006.01)

CPC (source: EP)

C08K 5/0041 (2013.01); **C08K 5/3437** (2013.01); **C09B 5/14** (2013.01)

Designated contracting state (EPC)

CH DE GB LI

DOCDB simple family (publication)

EP 0353031 A2 19900131; EP 0353031 A3 19900704; EP 0353031 B1 19950322; DE 68921810 D1 19950427; DE 68921810 T2 19950817; JP H02124980 A 19900514

DOCDB simple family (application)

EP 89307562 A 19890725; DE 68921810 T 19890725; JP 19484789 A 19890726